

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 03/03622

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H01L21/762 H01L21/304 H01L21/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
 IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|----------------------------|
| X | WO 00/48238 A (COMMISSARIAT ENERGIE ATOMIQUE ;ASPAR BERNARD (FR); MORICEAU HUBERT) 17 August 2000 (2000-08-17) page 21, line 28 – page 26, line 26; figures 7-9 | 1-8, 18-20, 25,28-30 |
| A | PATENT ABSTRACTS OF JAPAN vol. 013, no. 173 (E-748), 24 April 1989 (1989-04-24) & JP 01 004013 A (SONY CORP), 9 January 1989 (1989-01-09) abstract | 1-30 |
| A | EP 0 410 679 A (SHINETSU HANDOTAI KK) 30 January 1991 (1991-01-30) abstract; figure 1 | 1-30 |
| | | -/- |

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search

26 May 2004

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03/06/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|--|-----------------------|
| A | EP 1 050 901 A (CANON KK) 8 November 2000 (2000-11-08) paragraphs '0108! - '0114!; figure 12 ----- | 1-30 |
| A | US 4 254 590 A (EISELE DIETER ET AL) 10 March 1981 (1981-03-10) column 2, lines 38-67; figure ----- | 1-30 |
| A | US 5 400 548 A (HUBER ANTON ET AL) 28 March 1995 (1995-03-28) column 4, line 24 - column 5, line 19; figures ----- | 1-30 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR 03/03622

| Patent document cited in search report | Publication date | Patent family member(s) | | Publication date |
|--|------------------|-------------------------|----|------------------|
| WO 0048238 | A 17-08-2000 | FR 2789518 | A1 | 11-08-2000 |
| | | EP 1155442 | A1 | 21-11-2001 |
| | | WO 0048238 | A1 | 17-08-2000 |
| | | JP 2002536843 | T | 29-10-2002 |
| JP 01004013 | A 09-01-1989 | NONE | | |
| EP 0410679 | A 30-01-1991 | JP 1862773 | C | 08-08-1994 |
| | | JP 3055822 | A | 11-03-1991 |
| | | JP 5080133 | B | 08-11-1993 |
| | | DE 69023289 | D1 | 07-12-1995 |
| | | DE 69023289 | T2 | 04-07-1996 |
| | | EP 0410679 | A1 | 30-01-1991 |
| | | US 5071785 | A | 10-12-1991 |
| EP 1050901 | A 08-11-2000 | JP 2001015721 | A | 19-01-2001 |
| | | CN 1272682 | A | 08-11-2000 |
| | | EP 1050901 | A2 | 08-11-2000 |
| | | TW 507374 | B | 21-10-2002 |
| | | US 6605518 | B1 | 12-08-2003 |
| US 4254590 | A 10-03-1981 | DE 2849184 | A1 | 22-05-1980 |
| | | JP 55067142 | A | 21-05-1980 |
| US 5400548 | A 28-03-1995 | DE 4224395 | A1 | 27-01-1994 |
| | | DE 59308969 | D1 | 15-10-1998 |
| | | EP 0580162 | A1 | 26-01-1994 |
| | | JP 2582030 | B2 | 19-02-1997 |
| | | JP 6260459 | A | 16-09-1994 |
| | | KR 9709861 | B1 | 18-06-1997 |